

## PER3 抗原（重组蛋白）

中文名称：PER3 抗原（重组蛋白）

英文名称：PER3 Antigen (Recombinant Protein)

别名：GIG13; FASPS3

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 179-378 amino acids of human PER3

技术规格：

<b>Full name:</b>	period circadian regulator 3
<b>Synonyms:</b>	GIG13; FASPS3
<b>Swissprot:</b>	P56645
<b>Gene Accession:</b>	BC026102
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. This gene is upregulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/CRY heterodimers to interact with CLOCK/ARNTL.

Polymorphisms in this gene have been linked to sleep disorders. Multiple transcript variants encoding different isoforms have been found for this gene.